



# SEALECTRO

CORPORATION

225 Hoyt Street • Mamaroneck, New York • 914 Owens 8-5600

SEALECTOBOARD  
PRODUCT  
BULLETIN

BULLETIN NO.

SB-2

DATE: March, 1964

## PLUGGABLE SEALECTOBOARD PROGRAM BOARDS\*

### CHANGE A COMPLETE PROGRAM IN SECONDS!

Here's a real time-saver when equipment minutes are valuable, or when emergencies call for a fast program switch. These "Sealectobards" are designed to plug in a completely pre-pinned program in seconds, permitting the establishment of two or more program patterns in pre-operational modes.

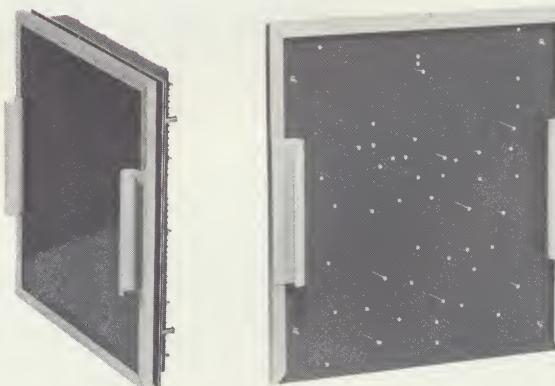
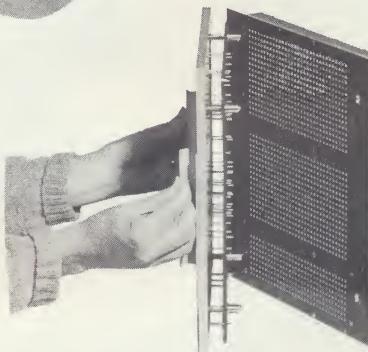
The pluggable diode "Sealectoboard" is a complete matrix that can be pre-pinned with both shorting pins and diode holders, and then plugged into the mother board permanently wired into the system. Contacts are made from the "Sealectoboard" terminations to the equipment terminations by means of Sealectro floating contact rack-and-panel connectors. Guide pins are provided to assure correct polarization of the pinned program.

The shorting pin pluggable "Sealectoboard" utilizes a complete "Sealectoboard" matrix wired into the equipment and a separate pin pattern holder. The pin pattern holder inserts the entire program with one plug-in operation. The holder has a sliding back that may be moved to one side to arrange the shorting pins in the prescribed manner, and then locks the pins in place.

- ★ Complete elimination of patch cord clutter.
- ★ Permits complete pre-programming and inspection before plugging.
- ★ May be used in building up program library for multiple functions.
- ★ Error-proof built-in protection for polarization.



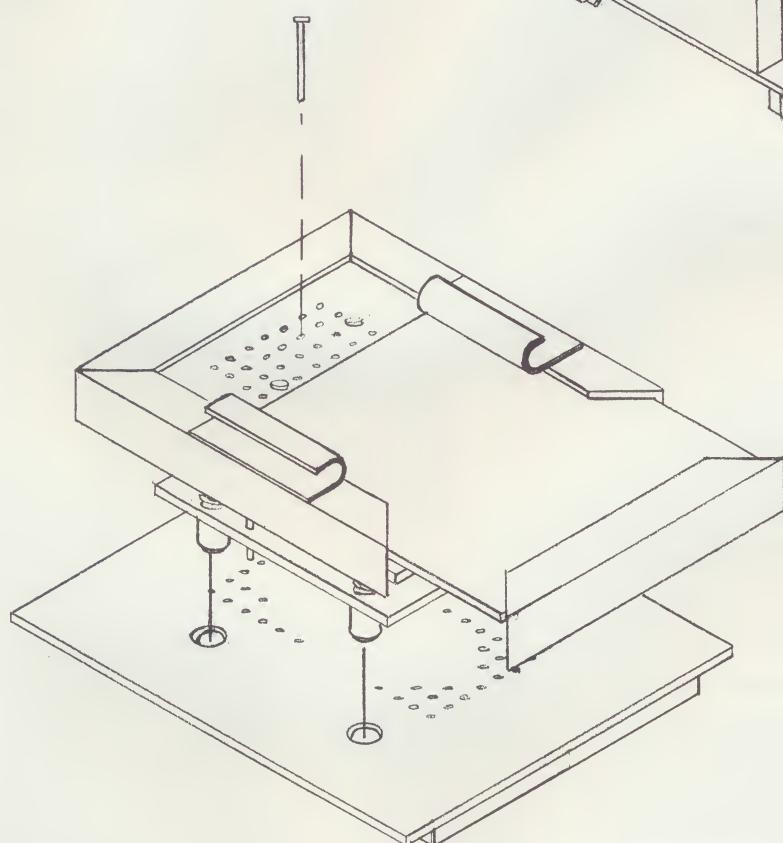
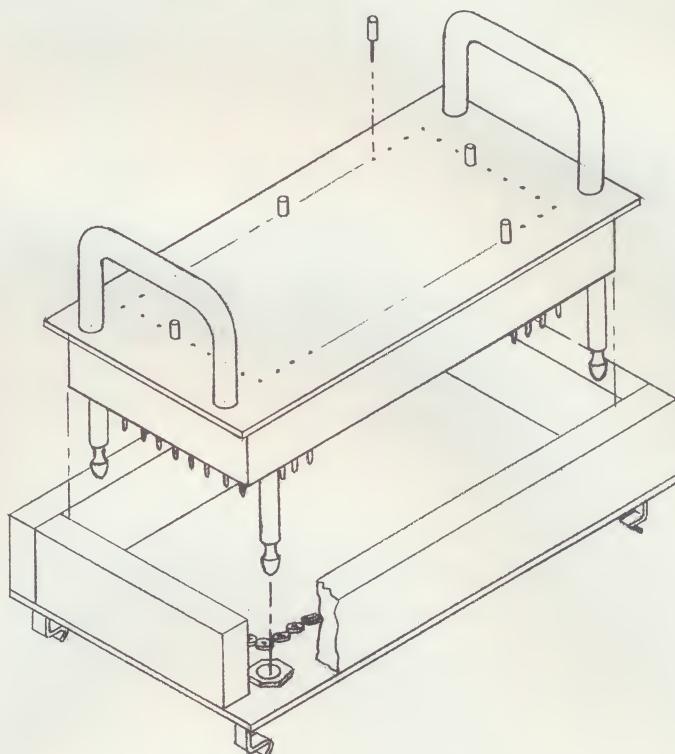
Pluggable Diode "Sealectoboard" provides both switching and component control programming. Pre-pinned board is merely plugged into mother board in equipment.



Pluggable Shorting Pin "Sealectoboard" is programmed by sliding off cover of pin holder, inserting and rearranging pins, and locking in place by sliding cover back into place.

# PLUGGABLE SEALECTOBOARD

DIODE AND SHORTING  
PIN TYPE



SHORTING PIN TYPE

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SEALECTOBOARD  
PRODUCT  
BULLETIN

BULLETIN NO.

SB-1

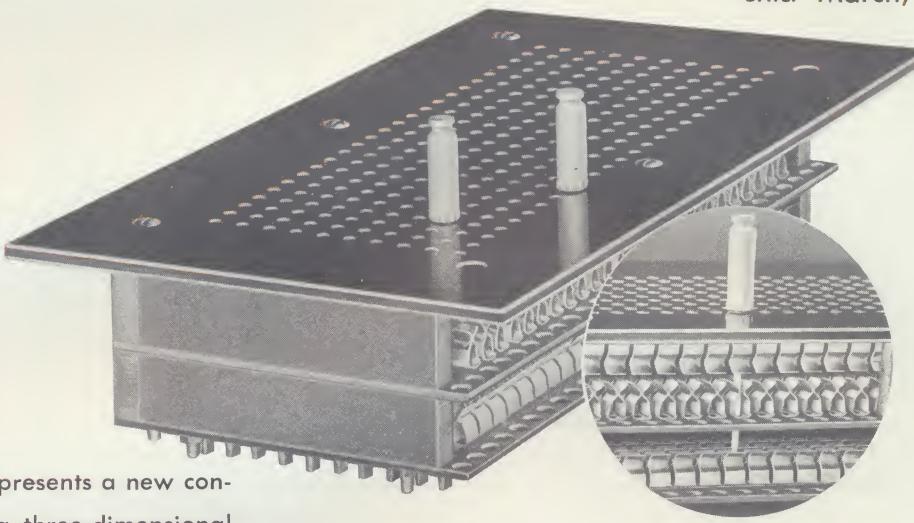
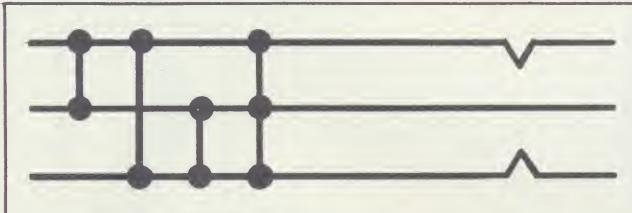
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## 3-DECK CORDLESS PROGRAM BOARD\*

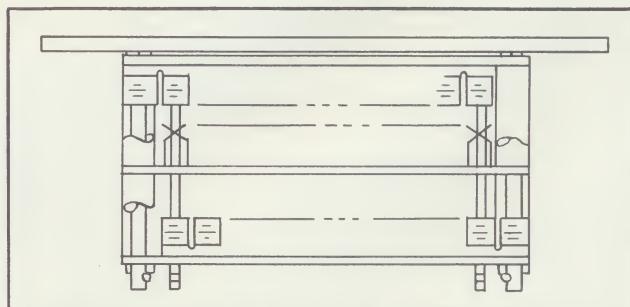
The three deck "Sealectoboard" represents a new concept in program boards providing three-dimensional switching without patch cords. The "Sealectoboard" as shown at right, consists of three planes of continuous contact strips, each running at a 90° angle from the one immediately above it, thus forming a coincidental matrix. Terminations for each strip are brought out through the bottom of the board.

The electrical contact assembly is sandwiched between non-conductive boards, the top one providing the insertion holes spaced .250" c/c, and engraved or silk screened according to the customer's requirements. The matrix may be made up in any configuration or combination of patterns for the three axes. Various shorting pins or component holders are available as shown on the reverse side of this bulletin, permitting electrical connections between any two, or all three electrical contact decks.

\*Patented

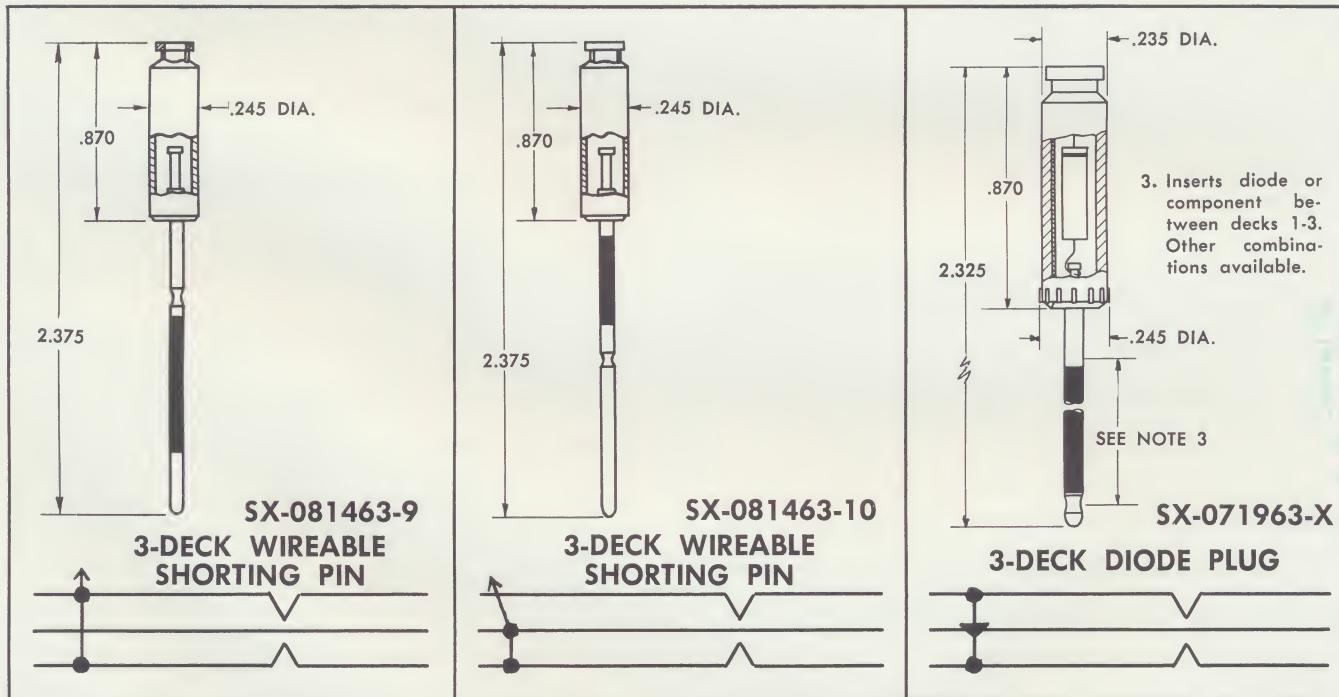
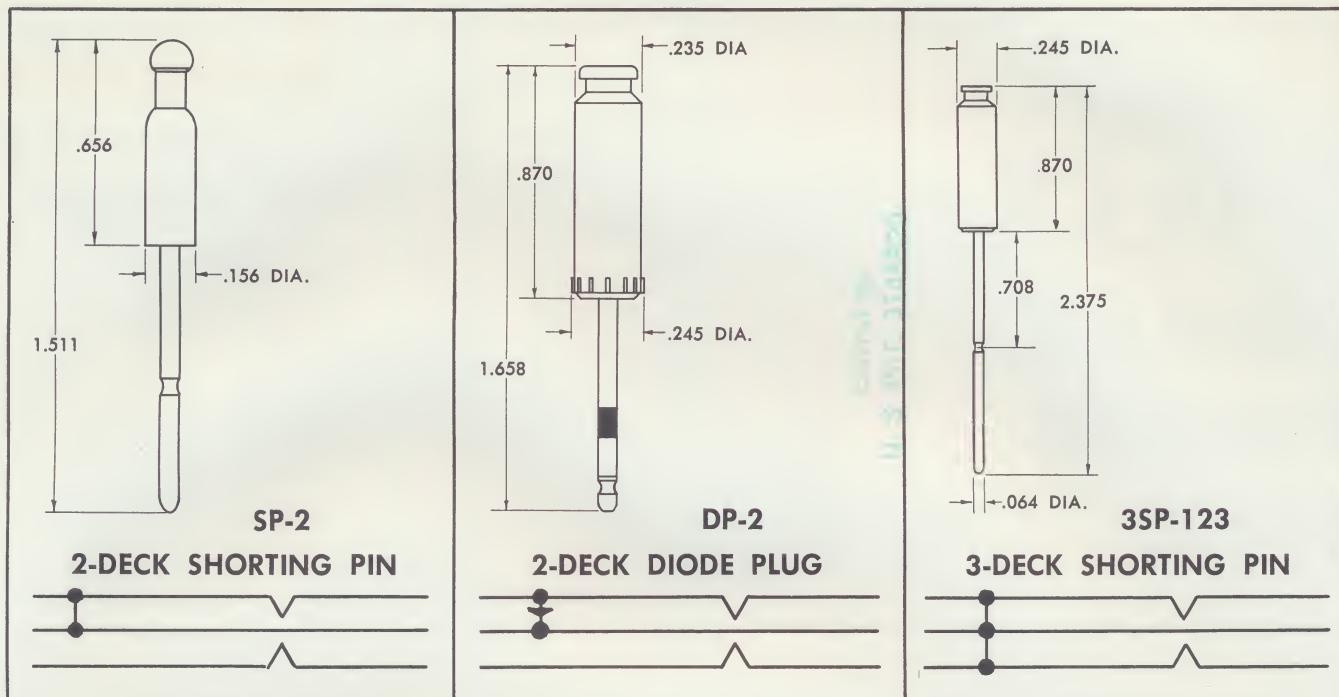


- ★ Eliminates patch cords in coincidental matrix switching
- ★ Permits interpositioning of diodes or other components.
- ★ Provides three dimensional switching and programming.
- ★ Allows custom program layouts at low cost as design permits use of standard components with complete flexibility.
- ★ Contact strips made of beryllium copper, overall silverplated standard.  
Gold Plate on special order.
- ★ Electrical ratings:
  - Max. Voltage ..... 500 volts DC
  - Flashover at sea level ..... 5000 volts DC between planes
  - 3500 volts DC between adjacent strips
  - Max. Current ..... 5 amperes
  - Component holder voltage rating 250 volts DC.



3-D  SEALECTOBOARD

# 3-D SEALECTOBOARD COMPONENTS



**NOTES:**

1. Material:  
Holder: Polypropylene  
Pin: Brass, silver plate, .0003  
min. thickness.
2. Holder available in (10) standard E.I.A. colors.

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